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**PATENT**  
Case Name/No.: SP01-033A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Pell et al.

**Serial No.:** 10/087,485

**Filed:** March 1, 2002

**For:** HIGH REPETITION RATE  
EXCIMER LASER SYSTEM

**COMBINED  
CERTIFICATE  
UNDER 37 CFR 3.73(b)  
and  
POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, DC 20231

**CERTIFICATE UNDER 37 CFR 3.73(b)**

**CORNING INCORPORATED**, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the unrecorded Assignment is attached hereto.

The undersigned has reviewed the above referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**POWER OF ATTORNEY BY ASSIGNEE**

CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled HIGH REPETITION RATE EXCIMER LASER SYSTEM and executed by Michael A. Pell, Charlene M. Smith, Robert W. Sparrow and Paul M. Then on 6/6/02, 7/16/02, 6/21/02 and 8/19/02, respectively, appoints the following agents/attorneys to prosecute that application and to transact all business in the Patent and Trademark Office connected therewith:

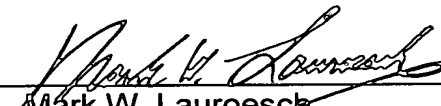
**Customer Number**  
22928

Direct all telephone calls and correspondence to:

Edward F. Murphy  
Corning Incorporated  
SP-TI-03  
Corning, NY 14831  
(607) 974-3716

CORNING INCORPORATED

Date: 8/19/02

By   
Mark W. Lauroesch  
Assistant Secretary

## ASSIGNMENT

FOR VALUE RECEIVED, WE, Michael A. Pell, residing at 20 rue de la Cloche, 77300 Fontainebleau, FRANCE; Charlene M. Smith, residing at 222 Watauga Avenue, Corning, New York; Robert W. Sparrow, 28 Woodlawn Drive, Sturbridge, MA 01566; and Paul M. Then, residing at 309 Steuben Street, Corning, New York, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a **HIGH REPETITION RATE EXCIMER LASER SYSTEM**, such inventions being generally described in an application for Letters Patent of the United States executed by us on the

DATE	June 6, 2002
DATE	July 16, 2002
DATE	June 21, 2002
DATE	August 19, 2002

respectively, provisional patent application Serial No. 60/272,814 filed by us in the United States on March 2, 2001, and provisional patent application Serial No. 60/356,987 filed by us in the United States on February 13, 2002, and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

WE request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

WE agree that, when requested, we will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

WE authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization from us.

WE hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

WE covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed in France, this:

6/6/02 [Signature]  
Date Michael A. Pell

On the 6 day of June 2002, before me personally came Michael A. Pell known to be the individual described in, and who executed, the foregoing instrument, and acknowledged that he/she executed the same.

Witness [Signature]

Signed in the United States, this:

7/16/02 [Signature]  
Date Charlene M. Smith  
6/20/02 [Signature]  
Date Robert W. Sparrow  
8/19/02 [Signature]  
Date Paul M. Then

State of New York)  
: ss.  
County of Steuben)

On the 16th day of July 2002, before me personally came Charlene M. Smith known to be the individual described in, and who executed, the foregoing instrument, and acknowledged that he/she executed the same.

[Signature]  
Notary Public  
CHRISTINE M. SAMSON  
Notary Public, State of New York  
No. 01SA6016665  
Qualified in Steuben County  
Commission Expires November 23, 2002

State of Massachusetts )  
County of Worcester ) ss.

On the 21 day of June 2002, before me personally came Robert W. Sparrow known to be the individual described in, and who executed, the foregoing instrument, and acknowledged that he/she executed the same.

[Signature]  
Notary Public Jane A. Sterndale  
my commission expires May 30, 2008

State of New York)  
: ss.  
County of Steuben)

On the 9th day of August 2002, before me personally came Paul M. Then known to be the individual described in, and who executed, the foregoing instrument, and acknowledged that he/she executed the same.

[Signature]  
Notary Public

MICHELE N. O'DELL  
Notary Public, State of New York  
Schoharie County No. 4712916  
Term Expires 5/31/06